

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Luc TERRAGNO et al.  
Title: METHOD FOR MAKING A LIQUID CONCENTRATE OF  
FOOD-GRADE ACCLIMATED AND VIABLE BACTERIA  
Appl. No.: 10/590,658  
International Filing Date: 2/28/2005  
371(c) Date:  
Examiner: Unassigned  
Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

**RELEVANCE OF EACH DOCUMENT**

An English-language translation of the foreign-language document (A1) has been provided.

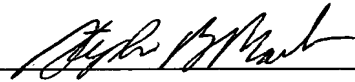
Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date November 29, 2006

By



FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5569  
Facsimile: (202) 672-5399

Stephen B. Maebius  
Attorney for Applicant  
Registration No. 35,264

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Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: November 29, 2006  (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	10/590,658
				<b>Filing Date</b>	2/28/2005
				<b>First Named Inventor</b>	Luc TERRAGNO
				<b>Art Unit</b>	Unassigned
				<b>Examiner Name</b>	Unassigned
				<b>Attorney Docket Number</b>	065691-0464
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	A1	ES 2158800 A1	09/01/2001	Consejo Superior Investigacion		X

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>6</sup>
	A2	CARRERE et al., "Modelling the clarification of lactic acid fermentation broths by cross=flow microfiltration," Journal of Membrane Science, 186, 2001, pp. 219-230.			
	A3	CRESPO, J.P.S.G., "Tangential flow filtration for continuous cell recycle culture of acidogenic bacteria," Chemical Engineering Science, 1992, vol. 47, no. 1, pp. 205-214.			
	A4	HAYAKAWA et al., "High Density Culture of <i>Lactobacillus casei</i> by a Cross-Flow Culture Method Based on Kinetic Properties of the Microorganism," Journal of Fermentation and Bioengineering, 1990, vol. 70, no. 6, pp. 404-408.			
	A5	MAUS et al., "Employment of stressful conditions during culture production to enhance subsequent cold- and acid-tolerance of bifidobacteria," Journal of Applied Microbiology, 2003, 95, pp. 146-154.			
	A6	SCHIRALDI et al., "High Cell Density Cultivation of Probiotics and Lactic Acid Production," Biotechnology and Bioengineering, April 20, 2003, vol. 82, no. 2, pp. 213-222.			
	A7	SCHIRALDI et al., "Effective Production of a Thermostable $\alpha$ -Glucosidase from <i>Sulfolobus solfataricus</i> in <i>Escherichia coli</i> Exploiting a Microfiltration Bioreactor," Biotechnology and Bioengineering, December 20, 2000, vol. 70, no. 6, pp. 670-676.			
	A8	SUZUKI, T., "A Dense Cell Culture System for Microorganisms Using a Stirred Ceramic Membrane Reactor Incorporating Asymmetric Porous Ceramic Filters," Journal of Fermentation and Bioengineering, 1996, vol. 82, no. 3, pp. 264-271.			
	A9	TANIGUCHI et al., "High-Concentration Cultivation of Lactic Acid Bacteria in Fermentor with Cross-Flow Filtration," J. Ferment. Technol., 1987, vol. 65, no. 2, pp. 179-184.			

<b>Examiner Signature</b>	<b>Date Considered</b>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.